

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT



APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER NBU 1022-13E4BS			
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT NATURAL BUTTES			
4. TYPE OF WELL Gas Well <input checked="" type="checkbox"/> Coalbed Methane Well: NO <input type="checkbox"/>						5. UNIT or COMMUNITIZATION AGREEMENT NAME NATURAL BUTTES			
6. NAME OF OPERATOR KERR-MCGEE OIL & GAS ONSHORE, L.P.						7. OPERATOR PHONE 720 929-6515			
8. ADDRESS OF OPERATOR P.O. Box 173779, Denver, CO, 80217						9. OPERATOR E-MAIL julie.jacobson@anadarko.com			
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UT ST UO 8512 ST			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>			
13. NAME OF SURFACE OWNER (if box 12 = 'fee')						14. SURFACE OWNER PHONE (if box 12 = 'fee')			
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')			
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input checked="" type="checkbox"/> (Submit Commingling Application) NO <input type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>			

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	1997 FNL 2563 FWL	SEnw	13	10.0 S	22.0 E	S
Top of Uppermost Producing Zone	2055 FNL 817 FWL	SWNW	13	10.0 S	22.0 E	S
At Total Depth	2055 FNL 817 FWL	SWNW	13	10.0 S	22.0 E	S

21. COUNTY UINTAH		22. DISTANCE TO NEAREST LEASE LINE (Feet) 817		23. NUMBER OF ACRES IN DRILLING UNIT 600	
		25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1278		26. PROPOSED DEPTH MD: 8741 TVD: 8395	
27. ELEVATION - GROUND LEVEL 5259		28. BOND NUMBER 22013542		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-8496	

Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Surf	11	8.625	0 - 2220	28.0	J-55 LT&C	0.2	Type V	180	1.15	15.8
							Class G	270	1.15	15.8
Prod	7.875	4.5	0 - 8741	11.6	HCP-110 LT&C	12.0	Premium Lite High Strength	280	3.38	12.0
							50/50 Poz	1230	1.31	14.3

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

NAME Cara Mahler		TITLE Regulatory Analyst I		PHONE 720 929-6029	
SIGNATURE		DATE 05/03/2013		EMAIL cara.mahler@anadarko.com	
API NUMBER ASSIGNED 43047537270000		APPROVAL <div style="text-align: center;"> Permit Manager </div>			

Found Uintah
County Alum.
Cap on 3/4"
rebar. Pile of
Stones

T10S, R22E, S.L.B.&M.

S89°59'W - 80.02 (G.L.O.)
N89°52'55"W - 5312.93' (Meas.)

Not
Monumented

Found 1991 Aluminum
Cap in Pile of Stones.
Fence Post on East
side of Cap.

2673.25' (Measured)
N02°03'35"W (Basis of Bearings)

Bottom
of Hole

Well Surface
Position

**WELL LOCATION:
NBU 1022-13E4BS**

ELEV. UNGRADED GROUND = 5258.8'

Found 1995
Aluminum Cap.
Fence Post on
South side of Cap.

N0°00'51"W - 2649.55' (Meas.)
N0°02'E - 40.14 (G.L.O.)

N0°00'58"W - 2640.95' (Meas.)
N0°02'E - 40.02 (G.L.O.)

Found 1991
Aluminum Cap.
Pile of Stones
W.C. S82°10'E
13.12 (G.L.O.)

N1°52'E - 39.92 (G.L.O.)
N01°49'24"E - 2634.13'
(Measured to True Corner)

W.C. S0°17'E
2.00 (G.L.O.)

W.C. Found
1991 Aluminum
Cap.

2626.88' (Measured to True Corner)
N89°58'30"W
N89°55'W - 39.81 (G.L.O.)

S89°54'50"W - 2675.19' (Meas.)
N89°58'W - 40.00 (G.L.O.)

Found 1991
Aluminum Cap.
Pile of Stones

Found 1991
Aluminum Cap.
Pile of Stones

Found 1991
Aluminum Cap.
Pile of Stones
N00°19'44"W
2501.73' (Measured to W.C.)
2633.73' (Measured to True Corner)
N0°17'W - 39.90 (G.L.O.)

NBU 1022-13E4BS (Surface Position)	
NAD 83 LATITUDE =	39.950716° (39° 57' 02.578")
LONGITUDE =	109.388433° (109° 23' 18.358")
NAD 27 LATITUDE =	39.950750° (39° 57' 02.701")
LONGITUDE =	109.387753° (109° 23' 15.909")
NBU 1022-13E4BS (Bottom Hole)	
NAD 83 LATITUDE =	39.950570° (39° 57' 02.052")
LONGITUDE =	109.394655° (109° 23' 40.758")
NAD 27 LATITUDE =	39.950604° (39° 57' 02.174")
LONGITUDE =	109.393974° (109° 23' 38.308")

NOTES:

▲ = Section Corners Located

- Well footages are measured at right angles to the Section Lines.
G.L.O. distances are shown in feet or chains.
- 1 chain = 66 feet.
- The Bottom of hole bears S88°12'12"W 1745.74'
from the Surface Position.
- NAD 83 Latitude & Longitude are (CORS 96)(EPOCH:2002).
- Bearings and Distances are based upon a Local Cartesian Grid,
oriented to Geodetic North at the North 1/4 Corner of Section 8,
T10S, R22E, S.L.B.&M. The Grid having a mean project height of
5300'. Lineal units used are U.S. Survey Foot.
- Basis of elevation is Tri-Sta "Two Water" located in Lot 4 of Section
1, T10S, R21E, S.L.B.&M. The elevation of this Tri-Sta is shown on
the Big Pack Mtn NE 7.5 Min. Quadrangle as being 5238'.

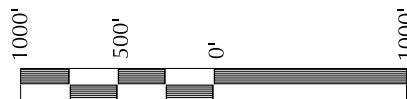
Kerr-McGee Oil & Gas Onshore, LP
1099 18th Street - Denver, Colorado 80202

WELL PAD: NBU 1022-13F

**NBU 1022-13E4BS
WELL PLAT**

2055' FNL, 817' FWL (Bottom Hole)
SW 1/4 NW 1/4 OF SECTION 13, T10S, R22E,
S.L.B.&M., UTAH COUNTY, UTAH.

CONSULTING, LLC
2155 North Main Street
Sheridan, WY 82801
Phone 307-674-0609
Fax 307-674-0182



SCALE

SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED
FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR
UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE
AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

PROFESSIONAL LAND SURVEYOR
No. 6028691
JOHN R. SLAUGH
2-21-13
STATE OF UTAH

TIMBERLINE

(435) 789-1365

ENGINEERING & LAND SURVEYING, INC.
209 NORTH 300 WEST - VERNAL, UTAH 84078

DATE SURVEYED: 2-11-13	SURVEYED BY: W.W.	SHEET NO: 6 6 OF 20
DATE DRAWN: 2-14-13	DRAWN BY: T.J.R.	
SCALE: 1" = 1000'	Date Last Revised:	